

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

7/14/13
Form ACO-1
June 2009

ORIGINAL

Form Must Be Typed
Form must be Signed
All blanks must be Filled

CONFIDENTIAL WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5120
Name: Range oil Company, Inc.
Address 1: 1120 N. Market, Suite 1120
Address 2: _____
City: Wichita State: KS Zip: 67202 +
Contact Person: John Washburn
Phone: (316) 265-6231
CONTRACTOR: License # 30141
Name: Summit Drilling Company
Wellsite Geologist: Roger Martin
Purchaser: Coffeyville Resources LLC
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core. Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth: _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
5-20-11 5-26-11 6-23-11
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 015-23,900 6666
Spot Description:
SE NE NE Sec. 9 Twp. 25 S. R. 3 East West
990 Feet from North / South Line of Section
330 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Butler
Lease Name: Doran Well #: 1
Field Name: Edgecomb North
Producing Formation: Mississippian
Elevation: Ground: 1357 Kelly Bushing: 1367
Total Depth: 2810 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 224 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 900 ppm Fluid volume: 400 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

CONFIDENTIAL
JUL 14 2013

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT
I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.
Signature: John M. Washburn
Exploration Manager 7-14-11

RECEIVED
KCC Office Use ONLY
JUL 15 2011
 Letter of Confidentiality Received
Date: 7/14/11 - 7/14/13
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
KCC WICHITA
ATI NS 7-19-11

Operator Name: Range oil Company, Inc. Lease Name: Doran Well #: 1

Sec. 9 Twp. 25 S. R. 3 East West County: Butler

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i></p> <p>List All E. Logs Run: DST (1) 2738' to 2765' 30-30-60-60 Rec: 100' GIP + 10' FO + 15' OCM (15%, 85% water) + 90' SOWCM (7% oil, 10% water, 83% mud) IFP 19-40 ISIP 618 FFP 42-70 FSIP 629 T:102 F</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>1762'</td> <td>-395</td> </tr> <tr> <td>Lansing</td> <td>2050'</td> <td>-683</td> </tr> <tr> <td>Kansas City</td> <td>2322'</td> <td>-955</td> </tr> <tr> <td>BKC</td> <td>2478'</td> <td>-1111</td> </tr> <tr> <td>Mississippian lime</td> <td>2752'</td> <td>-1385</td> </tr> <tr> <td>Mississippian dol.</td> <td>2756'</td> <td>-1389</td> </tr> <tr> <td>LTD</td> <td>2810'</td> <td>-1443</td> </tr> </table>	Name	Top	Datum	Heebner	1762'	-395	Lansing	2050'	-683	Kansas City	2322'	-955	BKC	2478'	-1111	Mississippian lime	2752'	-1385	Mississippian dol.	2756'	-1389	LTD	2810'	-1443
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23	224'	common	135	3% CaCl
Production	7 7/8"	4 1/2"	10.5	2809'	Thick-set	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
four	2755' to 2765'	150 gallons acid (15% MCA)	2755-65'
	CONFIDENTIAL	500 gallons acid (15% FE)	
	JUL 14 2013	1250 gallons acid (18% FE)	
	KCC		

TUBING RECORD:	Size: 2 3/8"	Set At: 2752'	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	RECEIVED JUL 15 2011
Date of First, Resumed Production, SWD or ENHR. 6-23-11		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) KCC WICHITA			
Estimated Production Per 24 Hours	Oil Bbls. 13	Gas Mcf	Water Bbls. 54	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 2755' to 2765'
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CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 30536

LOCATION EUREKA

FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API #15-015-23900

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-27-11	6942	DORAN #1	9	225	3E	Butler
CUSTOMER Range Oil Company, Inc. Mailing Address 125 N. Market St. 1120 City Wichita			STATE KS		ZIP CODE 67202	
Summit DR19. Co.			TRUCK #	DRIVER	TRUCK #	DRIVER
			520	John S.		
			479	CHRIS B.		
			436	CALIN H.		

JOB TYPE Longstring O HOLE SIZE 7 7/8 HOLE DEPTH 2810' CASING SIZE & WEIGHT 4 1/2 10.5" New
 CASING DEPTH 2813.71 DRILL PIPE _____ TUBING _____ OTHER PBTD 2808.63
 SLURRY WEIGHT 13.6* SLURRY VOL 47 BBL WATER gal/sk 9.0 CEMENT LEFT in CASING 5.08
 DISPLACEMENT 44.6 BBL DISPLACEMENT PSI 700 PSI 1200 Bump Plug RATE 5 BPM

REMARKS: Safety Meeting: Rig up to 4 1/2 Casing. BREAK Circulation, Pump 5 BBL Fresh water, 15 BBL Metasilicate Pre flush, 5 BBL water Spacer. Mixed 150 sks Thick Set Cement w/ 5" Kol-Seal/sk @ 13.6*/gal, yield 1.75. Wash out Pump & Lines. Shut down. Release Latch down Plug. Displace Plug to Seat w/ 44.6 BBL Fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1200 PSI. wait 2 minutes. Release Pressure. Float & Plug Held. Good Circulation @ ALL times while Cementing. Job Complete. Rig down.

JUN 2 2011

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	40	MILEAGE	4.00	160.00
1126 A	150 sks	Thick Set Cement	18.30	2745.00
1110 A	750 "	Kol-Seal 5"/sk	.44	330.00
1111 A	100 "	Metasilicate Pre flush	1.90	190.00
5407 A	8.25 Tons	40 miles BULK Delv.	1.26	415.80
5502 C	4 Hrs	80 BBL VAC TRUCK	90.00	360.00
1123	3000 Gals	City water	15.60/1000	46.80
4453	1	4 1/2 Latch down Plug	232.00	232.00
4226	1	4 1/2 AFU INSERT Float Valve	161.00	161.00
4129	6	4 1/2 x 7 7/8 Centralizers	42.00	252.00
			RECEIVED	
			JUL 15 2011	
			KCC WICHITA	
			Sub Total	5867.60
			SALES TAX 6.55%	259.20
			ESTIMATED	6126.80

Ravin 3737

AUTHORIZATION [Signature] TITLE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

CONFIDENTIAL

DATE JUL 14 2011

KCC



CONSOLIDATED
Oil Well Services, LLC



ENTERED

COPY

TICKET NUMBER 30542

LOCATION Eureka, KS

FOREMAN Shannon Feck

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API # 015-23900-00-00 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
5-20-11	6942	Doran #1	9	25S	3E	Butler	
CUSTOMER <u>Range Oil Company Inc.</u>		Summit DRLG		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>125 N. Market Ste 1120</u>				<u>445</u>	<u>DAVE</u>		
CITY <u>Wichita</u>		STATE <u>KS</u>	ZIP CODE <u>67202</u>	<u>479</u>	<u>Chris B</u>		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 235' CASING SIZE & WEIGHT 8 5/8" @
 CASING DEPTH 227 DRILL PIPE --- TUBING --- OTHER ---
 SLURRY WEIGHT 14.5-15.0 SLURRY VOL 32.4 BBL WATER gal/sk 6.4 CEMENT LEFT in CASING 20'
 DISPLACEMENT 13.1 BBL DISPLACEMENT PSI 250 MIX PSI 200 PSI RATE 5 BBL/min
 REMARKS: Rig up to 8 5/8" casing, Break circulation with 5 BBL fresh water mix 135 sks class "A" cement with 3% calcium, 2% gel & 1/4" Flocele Per sk. Shut down release plug & displace with 13.1 BBL fresh water. Shut casing in. Good circulation, but no slurry to pit. Was getting Flocele & color change as soon as the plug landed. Job complete Rig down & wash up

"Thanks Shannon & Crew"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	775.00	775.00
5406	40	MILEAGE	4.00	160.00
1104S	135 SKS	Class "A" Cement	14.25	1923.75
1102	380 #	Calcium @ 3%	.70	266.00
1118B	250 #	Gel @ 2%	.20	50.00
1107	34 #	Flocele @ 1/4#/sk	2.22	75.48
5407	6.35 tons	Ton mileage bulk truck	m/c	330.00
4432	1	8 5/8" wooden plug	80.00	80.00
4132	2	8 5/8" Centralizers	69.00	138.00
		CONFIDENTIAL		
		JUL 14 2011	MAY 27 2011	RECEIVED
		KCC		JUL 15 2011
			6.55%	SALES TAX
				ESTIMATED TOTAL
				3964.16

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

RICKETTS TESTING

(620) 326-5830

Company **Range Oil Corporation**
 Address **125 North Market, Suite 1120**
 CSZ **Wichita, KS 67202**
 Attn. **Roger Martin**

Lease Name **Doran**
 Lease # **1**
 Legal Desc **SE NE NE** Job Ticket #
 Section **9** Range **3E**
 Township **25S**
 County **Butler** State **KS**
 Drilling Cont **Summit Drilling #1**

Comments **Field: Potwin**

GENERAL INFORMATION

Test # **1** Test Date **5/26/2011**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole**
Successful Test
 # of Packers **2.0** Packer Size **6 3/4**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **11027**
 Mid Recorder #
 Bott Recorder # **w1023**

Mud Type **Gel Chem**
 Mud Weight **9.3** Viscosity **59.0**
 Filtrate **9.8** Chlorides **700**

Mileage **100** Approved By
 Standby Time **0**
 Extra Equipmnt **Jars & Safety Joint**
 Time on Site **7:00 AM**
 Tool Picked Up **8:10 AM**
 Tool Layed Dwn **3:20 PM**

Drill Collar Len **364.0**
 Wght Pipe Len **0**

Elevation **1358.00** Kelley Bushings **1368.00**

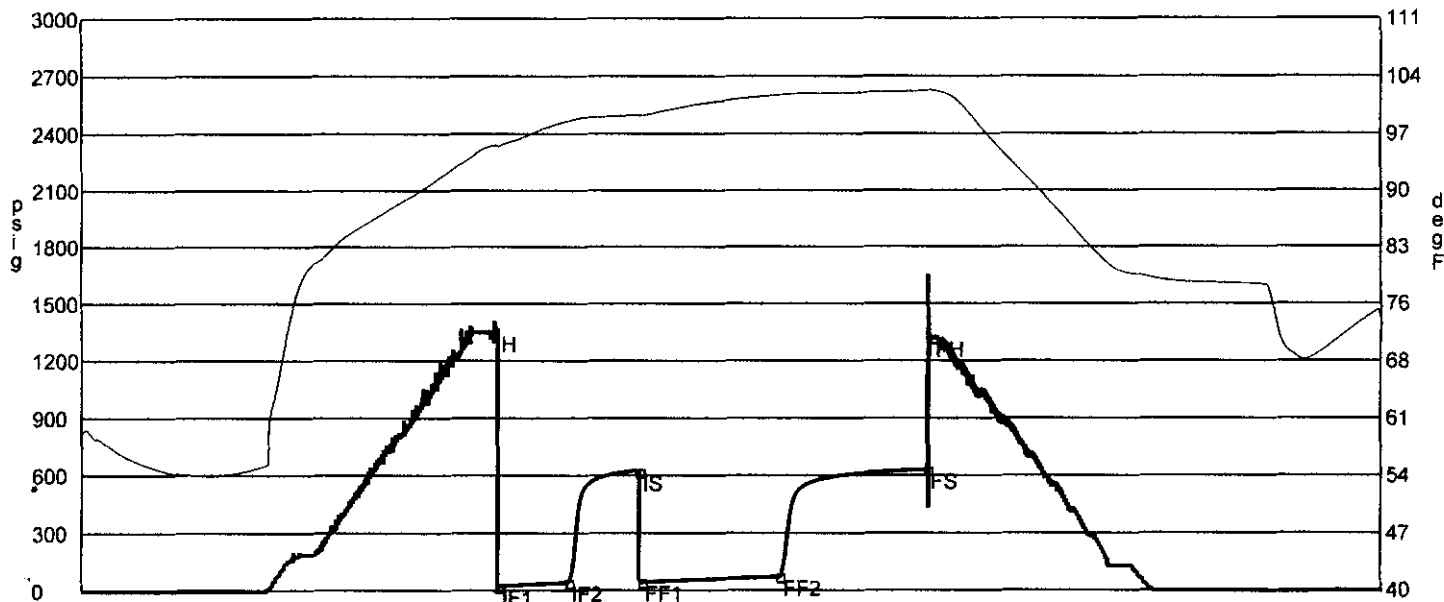
Formation **Mississippian**
 Interval Top **2738.0** Bottom **2765.0**
 Anchor Len Below **27.0** Between **0**
 Total Depth **2765.0**
 Blow Type **Weak blow building to 5 inches initial flow period. Weak blow building to 1 1/4 inches final flow period. Times: 30, 30, 60, 62. API gravity was 42.**

Start Date/Time **5/26/2011 7:35 AM**
 End Date/Time **5/26/2011 4:45 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
100	Gas in pipe	100% 100ft	0% 0ft	0% 0ft	0% 0ft
10	Clean oil	0% 0ft	100% 10ft	0% 0ft	0% 0ft
15	Oil cut mud	0% 0ft	15% 2.2ft	0% 0ft	85% 12.8ft
90	Oil and water cut mud	0% 0ft	7% 6.3ft	10% 9ft	83% 74.7ft
1	Oil and water cut mud in tool sample	0% 0ft	18% 0.2ft	7% 0.1ft	75% 0.8ft

DST Fluids **11000**



	Date	Time	Pressure	Temp		
IH	5/26/2011	10:28:20 AM	2.888889	1347.137	95.284	Initial Hydro-static
IF1	5/26/2011	10:31:00 AM	2.933333	19.229	95.302	Initial Flow (1)
IF2	5/26/2011	11:00:40 AM	3.427778	40.353	98.342	Initial Flow (2)
IS	5/26/2011	11:30:40 AM	3.927778	617.837	99.085	Initial Shut-In
FF1	5/26/2011	11:31:40 AM	3.944444	42.373	99.026	Final Flow (1)
FF2	5/26/2011	12:30:30 PM	4.925	70.292	101.565	Final Flow (2)
FS	5/26/2011	1:33:00 PM	5.966667	628.797	102.082	Final Shut-In
FH	5/26/2011	1:35:20 PM	6.005556	1318.975	102.166	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke